

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A compressed air system servicing device comprising several functional modules able to be connected together in a row, wherein the modularly configured functional modules each include a uniform basic pneumatic block, which at two parallel outer walls possesses connection means for the production of the pneumatic connections on being placed in a row and at least two of the remaining outer walls of the basic pneumatic block possess interfaces for connection with functional blocks, at least one of the interfaces being designed to accept different functional blocks,

wherein one of the functional blocks is an electrical concatenation block for electrical longitudinal concatenation of the functional modules, and

wherein the concatenation block has a plurality of electrical plug connection elements for electrical connection with a plurality of functional blocks, each of the electrical plug connection elements including electrical and/or mechanical decoding means for recognition of the type of other functional blocks connected thereto and to the basic pneumatic block.

2. (Previously Presented) The compressed air system servicing device as set forth in claim 1, wherein the interfaces possess electrical and/or pneumatic connecting means, and more especially plug and/or screw connecting means.

3. (Canceled)

4. (Canceled)

5. (Previously Presented) The compressed air system servicing device as set forth in claim 4, wherein the at least one functional block overlaps the basic pneumatic block and the concatenation block.

6. (Previously Presented) The compressed air system servicing device as set forth in claim 1, wherein one of the functional blocks is a front block engaged with the front side of the basic pneumatic block and is electrically connected, by way of the basic pneumatic block or a functional block connected therewith, with the concatenation block.

7. (Previously Presented) The compressed air system servicing device as set forth in claim 6, wherein the front block is provided with a display device and/or operating elements.

8. (Canceled)

9. (Previously Presented) The compressed air system servicing device as set forth in claim 1, wherein the concatenation block includes electronic control and/or diagnostic means and/or visualizing means for process parameters and/or process stages.

10. (Previously Presented) The compressed air system servicing device as set forth in claim 1 3, wherein the concatenation block comprises a field bus interface.

11. (Previously Presented) The compressed air system servicing device as set forth in claim 1, wherein the concatenation block comprises a conductor supporting element and an electrical block able to be electrically coupled with same.

12. (Previously Presented) The compressed air system servicing device as set forth in claim 1, wherein the concatenation block comprises at least one printed circuit board which is able to be electrically connected with, and more particularly plugged to, printed circuit boards in functional blocks thereof which are able to be coupled.

13. (Previously Presented) The compressed air system servicing device as set forth in claim 1, wherein filter blocks and/or pressure regulating blocks and/or valve blocks

and/or oiler blocks and/or sensor blocks and/or drier blocks and/or distributor blocks are designed as functional blocks able to be connected selectively with the basic pneumatic block.

14. (Currently Amended) A compressed air system servicing device having several modularly configured functional modules connected together in a row, each of the functional modules comprising:

a uniform basic pneumatic block having connection means at two parallel outer walls thereof for pneumatically connecting pneumatic blocks of adjacent functional modules, said basic pneumatic block further including at least two remaining outer walls having interfaces for connection with functional blocks, at least one of the interfaces being designed to accept different functional blocks;

a functional block connected to one of said remaining outer walls of said basic pneumatic block; and

an electrical concatenation block connected to another of said remaining outer walls of said basic pneumatic block for electrical longitudinal concatenation of the functional modules, said concatenation block having a plurality of electrical plug connection elements for electrical connection with a plurality of functional blocks, each of the electrical plug connection elements including electrical and/or mechanical decoding means for recognition of the type of functional block connected thereto and to the basic pneumatic block.